

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

the specification of which is attached hereto unless the following is checked:

☐ was filed on \_\_\_\_\_ as United States Application Number or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 (a) - (d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

List prior foreign applications. See note A on back of this page)

10-294685	Japan	2/October/1998	Priority Claimed
(Number)	(Country)	(Day/Month/Year Filed)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

(See note B on back of this page)

☐ See attached list for additional prior foreign applications

Hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

(Application Number)	(Filing Date)
(Application Number)	(Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of the application:

(List Prior U.S.  
Applications)

(Application Serial Number)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial Number)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: \_\_\_\_\_.

James E. Armstrong, III, Reg. No. 18,366; William F. Westerman, Reg. No. 29,988; Ken-Ichi Hattori, Reg. No. 32,861; Le-Nhung McLeland, Reg. No. 31,541; Ronald F. Naughton, Reg. No. 24,616; John R. Pegan, Reg. No. 18,069; William G. Kratz, Jr., Reg. No. 22,631; Albert Tockman, Reg. No. 19,722; Mel R. Quintos, Reg. No. 31,898; Donald W. Hanson, Reg. No. 27,133; Stephen G. Adrian, Reg. No. 32,878; William L. Brooks, Reg. No. 34,129; John F. Carney, Reg. No. 20,276; Edward F. Welsh, Reg. No. 22,455; Patrick D. Muir, Reg. No. 37,403; Gay A. Spahn, Reg. No. 34,978; and John P. Kong, Reg. No. 40,054.

Please direct all communications to the following address: ARMSTRONG, WESTERMAN, HATTORI,  
McLELAND & NAUGHTON  
1725 K Street, N.W., Suite 1000  
Washington, D.C. 20006  
Telephone: (202) 659-2930 Fax: (202) 887-0357

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(See note  
C above)

Full name of sole or first inventor (given name, family name) Yoshimi TOCHISHITA  
Inventor's Signature Yoshimi Tochishita Date September 8, 1999  
Residence Hyogo, Japan Citizenship Japanese  
Post Office Address 672, Deai Hei, Sekinomiya-cho, Yabu-gun, Hyogo Japan

Full name of second inventor (given name, family name) Yoshio FUJIWARA  
Inventor's Signature Yoshio Fujiwara Date September 8, 1999  
Residence Hyogo, Japan Citizenship Japanese  
Post Office Address 51-2, Junisyo, Yabu-cho, Yabu-gun, Hyogo Japan

Full name of third inventor (given name, family name) Yoshihiro ASAGAI  
Inventor's Signature Yoshihiro ASAGAI Date September 8, 1999  
Residence Hyogo, Japan Citizenship Japanese  
Post Office Address 45-1, Kuchimeiji, Yabu-cho, Yabu-gun, Hyogo Japan

Full name of fourth inventor (given name, family name) Ken OHTAGAKI  
Inventor's Signature Ken Ohtagaki Date September 8, 1999  
Residence Hyogo, Japan Citizenship Japanese  
Post Office Address 90-1, Hirotoni, Yabu-cho, Yabu-gun, Hyogo Japan

Full name of fifth inventor (given name, family name) \_\_\_\_\_  
Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of sixth inventor (given name, family name) \_\_\_\_\_  
Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of seventh inventor (given name, family name) \_\_\_\_\_  
Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of eighth inventor (given name, family name) \_\_\_\_\_  
Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

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5. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: September 8, 1999

A. Patent Application No.(s)      B. Patent No.(s)

Additional numbers attached? NO

6. Name and address of party to whom correspondence concerning document should be mailed:

Name: Armstrong, Westerman, Hattori,  
McLeland & Naughton  
Suite 1000  
1725 K Street, N.W.  
Washington, D.C. 20006

7. Total number of applications and patents involved: 1

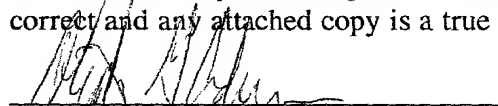
8. Total fee (37 CFR 3.41). . . . . \$ 40.00

XX Check enclosed

9. Deposit Account No.: 01-2340

10. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.



Date September 29, 1999

Stephen G. Adrian

Reg. No.: 32,878

Total number of pages including cover sheet: 3

SGA/yap

Docket No. \_\_\_\_\_

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's  
Name(s) Address(es))

(Title of Invention)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\*filed on \_\_\_\_\_, Serial No. \_\_\_\_\_.  
(Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the serial  
code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or as a continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s)

<u>Yoshimi Tochishita</u>	<u>Yoshimi TOCHISHITA</u>	<u>September 8,</u>
(SIGNATURE)	(TYPE NAME)	(DATE)
<u>Yoshio Fujiwara</u>	<u>Yoshio FUJIWARA</u>	<u>September 8,</u>
(SIGNATURE)	(TYPE NAME)	(DATE)
<u>Yoshihiro ASAGAI</u>	<u>Yoshihiro ASAGAI</u>	<u>September 8,</u>
(SIGNATURE)	(TYPE NAME)	(DATE)
<u>Ken Ohtagaki</u>	<u>Ken OHTAGAKI</u>	<u>September 8,</u>
(SIGNATURE)	(TYPE NAME)	(DATE)
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(SIGNATURE)	(TYPE NAME)	(DATE)

NO LEGALIZATION REQUIRED